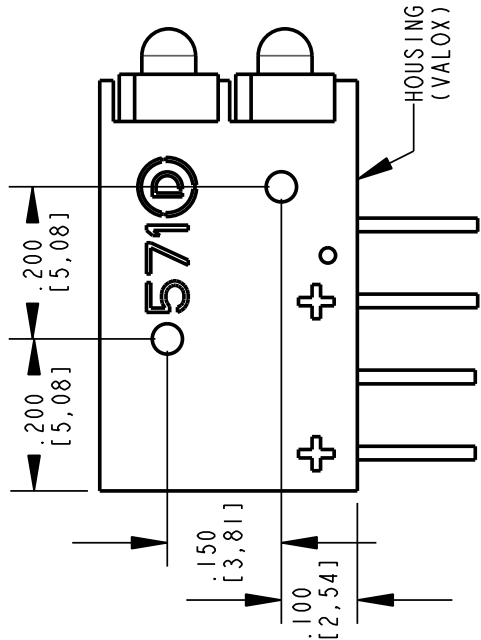


REV	ECN NO	REVISIONS	DRN	CKD APP	DATE
A	—	NEW RELEASE	JLC		

ASSY. NO.	LED COLOR (DIFFUSED)	
	TOP POSITION	BOTTOM POSITION
571-0111-100F	RED	RED
571-0102-100F	BLANK	GREEN
571-0112-100F	RED	GREEN
571-0113-100F	RED	YELLOW
571-0120-100F	GREEN	BLANK
571-0122-100F	GREEN	GREEN
571-0123-100F	GREEN	YELLOW
571-0132-100F	YELLOW	GREEN
571-0133-100F	YELLOW	YELLOW

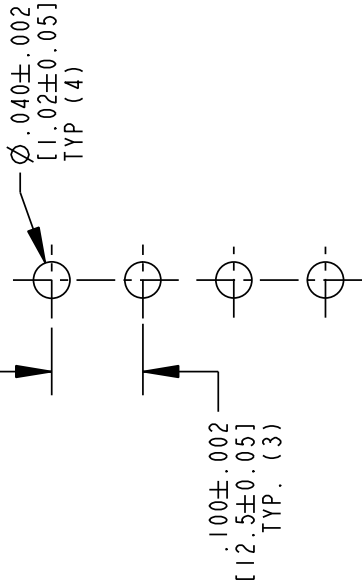
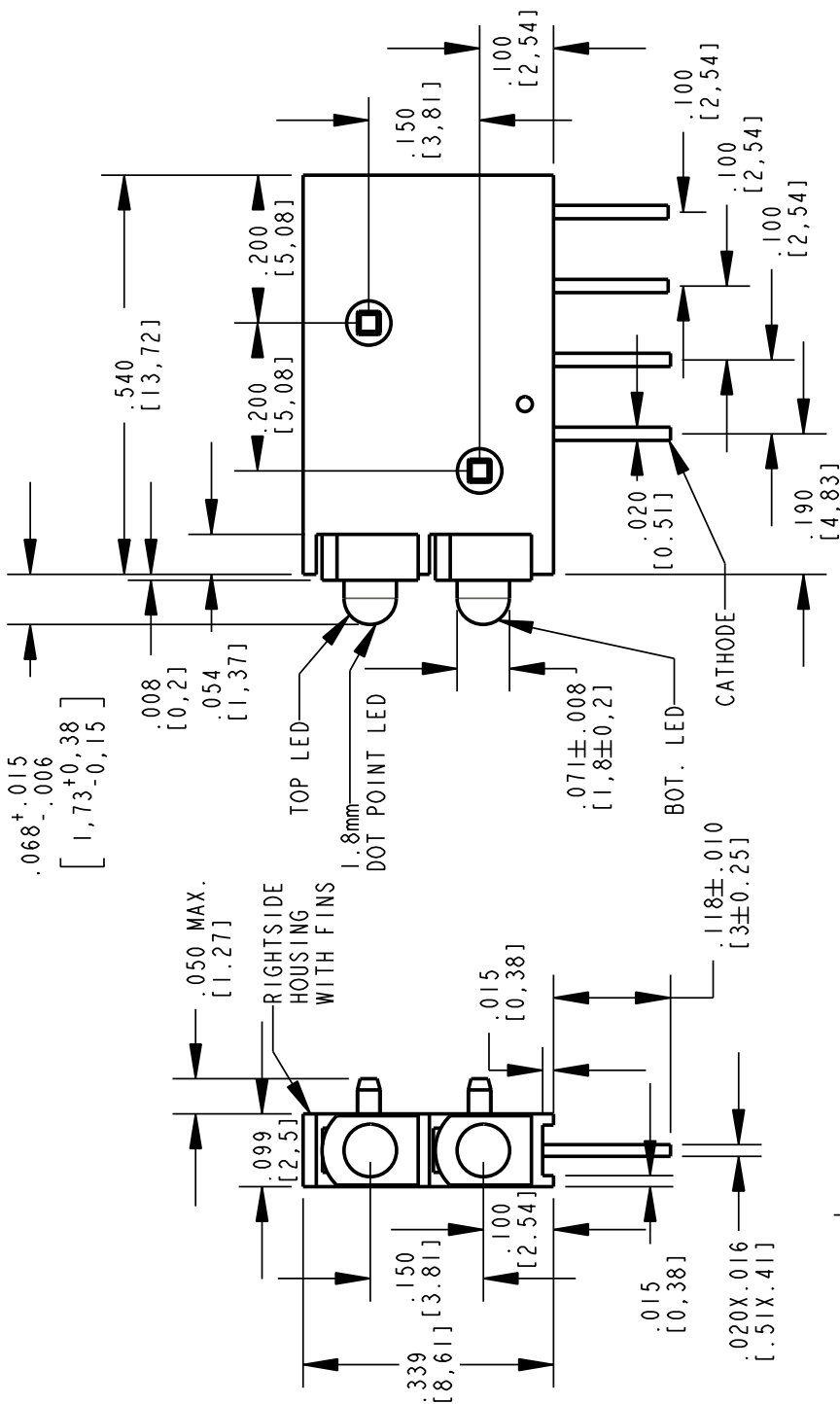


NOTES:

1. LED LEAD DIMENSIONS ARE MEASURED AT HOUSING EXIT.
2. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
3. PART NO. 571-01XX-100 WITH PINS (SEE CHART).

OPERATING CHARACTERISTICS AT 25°C AMBIENT							
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS	
LUMINOUS INTENSITY	RED	8	15		mcd	I _F = 10 mA	
	YELLOW	5	8				
	GREEN	5	10				
FORWARD VOLTAGE	RED		2.0	2.5	V	I _F = 20 mA	
	YELLOW		2.1	2.5			
	GREEN		2.2	2.5			
DOMINANT WAVELENGTH	RED		625		nm		
	YELLOW		588				
	GREEN		568				
PEAK EMISSION WAVELENGTH	RED		627		nm		
	YELLOW		590				
	GREEN		565				
VIEWING ANGLE 2θ1/2	RED		70		Degree		
	YELLOW		70				
	GREEN		70				
CAPACITANCE	RED		15		pF	V _F = 0 V, f = 1 MHz	
	YELLOW		20				
	GREEN		15				

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	RED	YELLOW	GREEN	UNITS
POWER DISSIPATION	105	105	105	mW
FORWARD CURRENT	30	30	25	mA
DERATING LINEAR FROM 25 °C	.40		.33	mA/°C
REVERSE VOLTAGE	5			V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260			°C
OPERATING TEMPERATURE	-40 TO +85			°C
STORAGE TEMPERATURE	-40 TO +85			°C



RECOMMENDED P.C.B. HOLE PATTERN



THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.

SCALE: 4.000		DRAWING NUMBER		REV
ALL DIM'S IN: INCHES (MM)		C-17537		A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TITLE 1.8mm LED B1-LEVEL CBI		
FRACTIONS: $\pm 1/64$		RoHS COMPLIANT		
DECIMALS (.XX): $\pm .01$		MATERIAL		
DECIMALS (.XXX): $\pm .005$				
DECIMALS (.XXXX): $\pm .0005$				
ANGLES: $\pm 1^\circ$				
FINISH:				
		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727		
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:			

RoHS Compliant 571-01XX-100F
Part Numbers with the "F" suffix ending
are RoHS Compliant.
Example: 571-0120-100F
Packaging is marked with "RoHS Compliant" label or
equivalent markings.
Parts can be wave soldered, dip soldered or hand
soldered using typical lead-free soldering process
with max 260°C temp. for 5 sec.